



MOBILE TELEPHONE ALL IN ONE REMOTE KEY OR SOFTWARE  
REGULATING CARD FOR RADIO BICYCLE LOCKS, CARS, HOUSES  
AND RFID TAGS WITH AUTHORIZATION AND PAYMENT FUNCTION

FIELD OF INVENTION

[0001] The present invention relates to an "All In One Remote Key" (AIORK) which is a mobile handset device (such as a key) with multiple transceivers (Global System For Mobile Communications (GSM), Bluetooth, Near Field Communication (NFC), wireless local area network (W-LAN)) and with a fingerprint sensor (which includes at least one of the following: access, code, number, password, ID, authentication, authorization, buy/purchase, sale, payment, and/or control functions) for direct assessment and access on an interactive Internet or mobile phone platform in one mobile phone or in one extension kit for a mobile phone. The Internet or mobile phone platform has at least one of: video hit-lists or hit-charts, television channels, games, services, products, software implementation, authorizations, polls, rights and duties, partner-meetings, stocks, betting, business and/or payment control features. The AIORK invention provides one list for opening, accessing, and/or using among several keys to provide at least one function and/or part-function (e.g. only vibrate-alarm in movies, only short message service (SMS), filter-functions, ads etc.), providing additional

information, authorizing and tracking of one or several radio-locks (for bicycles, vehicles, homes) or keys simultaneously or not (i.e. for the whole garage or only for the vehicle etc.) and for mobile payments as well as for Radio-frequency identification tags (RFID tags) and any other suitable applications.

#### BACKGROUND OF INVENTION

[0002] Up to now, there exists no camera mobile phone and spy-safe solution for mobile payments, access-control and radio-lock applications. Overall there is no one single solution available for providing multiple and/or different applications having new GSM and Bluetooth radio locks for bicycles, motorcycles and trucks or doors for garages as one single key, which can also provide mobile payments over NFC and/or with a fingerprint sensor with direct or indirect GSM for bank-account transfers. Prior to the AIORK invention, mobile phones with NFC running applications for RFID tag identification for registration of one's property with such RFID tags was not yet invented. Also not yet available prior to the AIORK invention, is an application running together with a fingerprint sensor authentication, also on a NFC based mobile-payment application and in radio-locks integrated with Bluetooth-module based applications, which all can be managed with

one application with one list in one device.

[0003] The state of the art for mobile phone keys over GSM or Bluetooth transceivers includes the following:

- telephone calls
- any other software downloads
- games, lotteries, stock-exchange
- video and music download
- money, payment and cash transactions
- 911, 211 emergency calls
- controlling cars, garages and motor-bikes.

However, the AIORK invention combines these various functions as a feature of the present invention.

[0004] The AIORK invention is especially beneficial for mobile phone or software companies such as Symbian, Openwave, Nokia or Siemens especially since transaction input can be made with fingers or orally with direct biometric confirmation.

[0005] The AIORK invention includes in one single mobile phone at least RFID tag identification and direct-payment, parcel-delivery or access-control functions with a biometric fingerprint sensor and double/second account-code (as direct-net) over NFC as well as all (Global Positioning System (GPS), GSM, Bluetooth) radio (bicycle) locks and all vehicles, etc. The AIORK invention provides these functions in one mobile phone and

multiple/different locks may be opened/unlocked or the NFC direct-payment, access-control and RFID applications are provided with one mobile phone/device, one application or one list can be managed. This eliminates the need for a person to have to carry multiple mobile phones where each one is for a single application of these different AIORK applications.

[0006] Before the AIORK invention, such wireless application protocol (WAP) mobile phones or extension kits did not yet exist with constant web-connection, which could open and lock radio-locks with Bluetooth transceivers or which are featured even with a NFC transceiver and a biometric fingerprint sensor or camera sensor or speech-recognition-software. Also, prior to the AIORK invention, radio-locks with GSM, Bluetooth, NFC and Infrared transceiver or mobile phones with NFC-RFID-tag reader for payment-applications did not exist. However, there were Bluetooth door systems for garages, but without Internet or even GSM connection and alarm transmission or direct management (opening, locking, authorization, selection for further services).

[0007] Prior to the AIORK invention, mobile phones or extension kits having RFID tags or NFC transceivers or with which other NFC transceivers interact did not exist yet, or at least not with biometric authentication with a

fingerprint sensor and a cable to attach them or to connected keys (bundles) or remote central locking systems for cars.

[0008] NFC is "Near Field Communication" on 13.56 MHZ frequency and like its name, NFC can only send or exchange data in a radius of about a 10 centimeter (cm) range. A combination of a mobile phone or an extension kit with NFC or even Bluetooth and biometric (fingerprint) sensor did not exist prior to the AIORK invention. A combination of a mobile phone or an extension kit with NFC or even Bluetooth and biometric (fingerprint) sensor did not exist either with direct or mobile payment advantages, because no transceivers, such as containing Bluetooth, could read the sensitive data.

#### SUMMARY OF INVENTION

[0009] The AIORK invention includes the following features (e.g., Lock-Loop, RFID etc.) in mobile phones or extension kits and/or can be used for the following:

- transmission and authorization of a mobile phone key-set on an AIORK mobile phone or extension kits of another person
- downloads of the latest AIORK key-software (in case a Bluetooth transmission can be hacked and cracked)
- bicycles with GPS, GSM and Bluetooth module

- NFC/Bluetooth/W-LAN application for houses, garage doors, room doors, sports events, public transportation, parking lot and house parking gates, direct payment-clearing like with Visa/Master-Card etc. or a bank teller-machine
- identification of NFC (Bluetooth, W-LAN, GSM, universal mobile telecommunications system (UMTS)) RFID tags in bindings, boards, boots, mobile radio and GSM locks, Barryvox, mobile phones, personal digital assistants (PDAs), laptops, beamers/video projectors and all other lockable electronic devices (for kitchen, garden, garage)
- tracking-telling-software and location based services (LBS) messaging for friends etc.
- news, information, reports, manuals, ads of RFID tags or other (Bluetooth) transceivers and over all in combination with transceivers with settings of filters according to ones interest, taste and time
- filter-functions for e.g. RFID/Bluetooth/W-LAN (one head-set etc.)
- quick registration and blocking of RFID, Bluetooth, etc. tags and of all Lock-Loop Internet-WAP-site registered products with RFID tags
- pupils, friends, family, doctor emergency-calls with key-setting-function for management of what kind of call, action, recording or registration
- monitoring devices or mobile phones of pupils, students

or for criminals, which are managed by the teachers,  
authorities, club-boss or family bosses  
- vehicle or bicycle tracking, accident precognition/  
recognition messaging  
- information regarding hidden radars or for similar other  
services  
- receiving of all types of signals and automatic setting  
of television sets or other electronic transceivers, medias  
and sets of ones own personal preferences or of other users  
- if one room has multiple mobile phones which are set on  
one preference, then such information will be chosen and  
news or broadcasts that is requested by the majority of  
users.

[00010]       Because of our earlier filed Lock-Loop  
invention and because of this AIORK invention we claim this  
intellectual property or require any other company or  
organization which is using, running or selling these newly  
invented, developed, described and claimed applications and  
functions used on a handset device to obtain a license.

[00011]       With mobile phones and gates, identifications  
can be made using the AIORK invention such that we can  
decide to sell or license the numbers of the RFID tags  
which can be identified with mobile phones and gates.

[00012]       Our identified and registered RFID-tag numbers  
will be offered for licensing exclusively to any interested

fashion designer or sport or electronic equipment manufacturer company with this becoming known world wide as Lock-Loop. RFID tags are integrated directly in the brand and label logos or the cloth information. The Lock-Loop logo will be a "Must" for all noble, high-quality and standard labels (e.g. Nike, Adidas, Esprit, CK or Sony, Philips, Nokia, Siemens, Mercedes, RR, Samsonite, etc.).

[00013]        Only we are providing/running the web-platform for at least five different new applications (mobile phone and gate identification, registration, alarm, tracking, resale payment).

[00014]        With one single mobile phone, the AIORK invention provides the exclusive opening, closing, locking, identifying, tracking, etc. of RFID tags over NFC transceivers as well as over Bluetooth, W-LAN and GSM for all other new products such as laptops, video cameras and radio-(bicycle)-locks as well as for other vehicles or garages and doors which can be managed. Every other company, e.g., every other mobile phone (software) manufacturer, has to provide each of these new applications on a separate mobile phone, because without a license of the AIORK invention, two or more (multiple) of these AIORK applications will not be allowed to run on one mobile phone. Nobody will like to carry around and have to buy more than one mobile phone for these applications and so



only the present AIORK invention can provide all these different applications simultaneously, coordinated and in a user-friendly manner on one mobile phone, application and web platform.

[00015] The AIORK invention may also include the feature or combination of "NFC-transceiver, biometric fingerprint sensor identification, GSM-module and web platform" on one mobile phone or on one extension kit. This provides the intellectual property claim for the best access-control and direct-payment applications as well as an All-In-One-Remote-Key application such that it will be very difficult for any concurrence to launch any other interesting NFC applications, because the marketing of the marginal applications will be too expensive.

[00016] In case there will be other direct tracking-applications-concurrences that might be up to date, Web sites such as [www.verilocation.com](http://www.verilocation.com) and [www.traceamobile.com](http://www.traceamobile.com) may be used for mobile phone tracking. These providers must not offer GSM-radio-locks over the GSM-net to lock and unlock mobile phone tracking or such products. This is why we have claimed in the "Lock-Loop" patent application the central private policy claim with tracking for "self authorizing (opening and locking) radio-locks" as well as claim in the AIORK invention the

features described below.

[00017] WAP mobile phones could have been tracked for a long time by GSM- or GPS-net, but it was not feasible to lock them from misuse (by such a functioning locking order or call to the mobile phone), because up to now, it was possible to switch them off entirely, so that the GSM-tracking was not possible any more.

[00018] With the AIORK invention, it is possible to track, open and lock a switched off mobile phone by other mobile phones as well as (principally here the same) GSM-radio-locks (GSM-devices) over GSM, Bluetooth or W-LAN. Also, convicted persons confined to their home or children must not be allowed to be tracked by GSM-radio-locks (GSM devices) over the net and cannot open the locks themselves without authorization. This allows the new innovative feature of the AIORK invention for use with these GSM devices, because such a GSM device did not exist before that, because certain people cannot authorize one's own unlocking of such GSM devices.

[00019] The radio-locks and mobile phones with AIORK applications can be tracked over GSM- and GPS-net and also over Bluetooth equipped mobile phones. It is now possible to lock one's GSM devices (mobile phones or radio-locks) so that any unauthorized use is not possible and it is feasible to open/unlock (to make it work) while tracking

over GPS- and GSM-net and also over all Bluetooth mobile phones, wherein one also can track and manage one's GSM devices the same as already over the GSM-nets. With the AIORK applications, it is now feasible to also track switched off mobile phones, radio-locks or electronic products, wherein the owner can switch off the AIORK invention only with his code or his authorization and only the owner can do the switching off of his mobile phone while the GSM, GPS, Bluetooth or W-LAN tracking function is running, e.g., with transceivers, so that the tracking of a switched off GSM-device is possible. The AIORK invention allows only the owner to lock/open/track/use his mobile phone, PDA, laptop or radio-lock when he uses his biometric authorization for the device.

[00020]        These differentiations provide a huge advantage over any other mobile phone or anyway for our radio-lock tracking in contrast to e.g. "Verilocation" or "trace a mobile". Mobile phone tracking is improved with the Lock-Loop and AIORK inventions. It is a pity that next to all our tracking products for RFID tags, electronic products, video processors, video cameras, laptops, radio-locks and mobile phones, unfortunately no tracking of children or convicts could be exclusively provided by the Lock-Loop invention. Now with the AIORK invention, tracking features

for GSM devices have been discovered and invented.

[00021]       The reason for lacking WAP-mobile phone tracking services is that the mobile phone industry has (never had) no interest to make stolen mobile phones trackable, because of course they earn more money when phones are lost or stolen and new mobile phones need to be purchased. The same mentality applies to laptops and other electronic devices. It is good that we can now go into these GSM-product-tracking-applications and be able to provide this intellectual property and not only to sell such products (GSM devices) but also to claim fees for this LBS (location based service).

#### BRIEF DESCRIPTION OF THE DRAWINGS

[00022]       The innovation and the advantageous solutions of the invention are described with references to the schematic drawings and pictures. Referring to the drawings:

[00023]       Figure 1 illustrates a general presentation of the functions and applications of the AIORK invention on a list as they look on a display and on a device.

[00024]       Figure 2 illustrates a list of the most important transceivers, modules, functions and applications of the AIORK invention and hardware solution.

[00025] Figures 3-5 illustrate the function of the AIORK-theft-protection-safety-solution with Bluetooth modules in the radio-locks of vehicles.

#### DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

[00026] The "All In One Remote Key" (AIORK) invention is a mobile handset device (such as a key) with multiple transceivers (GSM, Bluetooth, NFC, W-LAN) and with a fingerprint sensor (which includes at least one of the following: access, code, number, password, ID, authentication, authorization, buy/purchase, sale, payment, control function) for direct assessment and access on an interactive Internet or mobile phone platform in one mobile phone or in one extension kit for a mobile phone and in one application. The Internet or mobile phone platform has at least one of: video hit-lists or hit-charts, television channels, games, services, products, software implementation, authorizations, polls, rights and duties, partner-meetings, stocks, betting, business and/or payment control features. The AIORK invention provides one list for opening, accessing, using among several keys and/or for a part-function (e.g. only vibrate-alarm in movies, only SMS, filter-functions, ads etc.), providing additional information, authorizing and tracking of one or several

radio-locks (for bicycles, vehicles, homes) or keys simultaneously or not (i.e. for the whole garage or only for the vehicle etc.) and for mobile payments as well as for RFID tags and any other suitable applications.

[00027]       The AIORK invention includes or is used for at least one of, but not limited to, the following features:

- transmission and authorization of a mobile phone key set on a mobile phone of another person
- downloading the latest AIORK key software (Bluetooth, NFC, W-LAN, information resources or information retrieval (IR) etc. transmission could become decoded (chopped))
- radio locks for (engine) bicycles, vehicles
- radio, house, garage and room doors, cinema, sport-starter, public traffic etc.
- direct M-payment from mobile phone to mobile phone or MP3-Player, cash register, automat, air-locks
- radio air-locks with direct exchange account over Visa/Master-Card etc.
- (NFC, Bluetooth, W-LAN, GSM, UMTS) RFID tags for bindings, board, boat, mobile GSM locks, Barryvox, mobile phone, PDAs, laptop, beamers or video projectors, video cameras and other devices in order to lock, unlock and adjust electronic devices (such as in kitchens, gardens, garages)
- guided description of a route from point A to B

- message, information, reports, manuals, advertisement of RFID tags or other (Bluetooth) transmitters and over all in combinations of transmitters adjustable after desired filters (topic, taste)
- filter functions, e.g., with advertisement, etc.
- fast registration and blocking of RFID tags and of all Lock-Loop Internet WAP site registered products with RFID tags
- for students, friends, families, physician of emergency calls with key adjusting function for which kind of call or action, or admission, or registration
- monitoring devices or for mobile phones of pupil, students or convicts/criminals which are managed or controlled by a teacher, authority personnel, club boss, or family head
- notifications for vehicle or bicycle drivers such as back-up, accident ahead, notification of emergency system, and disconnection (with criminal ones) for bicycles, cars, trucks or other Lock-Loop products
- clubs for information (report of radar traps or other services) or with Cumulus card
- automatic control of televisions or other electronic devices
- can be confirmed at cash register or with sales of registered products, with a simple function of the property

changes mutually, because only the owner has the authorization to publish the names to the registered number.

[00028]       The AIORK invention has a detection function for persons and/or mobile phones and/or devices with Bluetooth or other transmitters in populated areas or remote areas and for the detection of mobile phones in remote areas such as in avalanches, etc., over a mobile phone to mobile phone network and/or to devices with Bluetooth or other transmitters, which transmit an identification number and which can be detected by GPS in the mobile phones, wherein all identified numbers are conveyed to the Lock-Loop Web platform.

[00029]       The AIORK invention works to manage signals of devices, e.g., devices buried in an avalanche, docks, engines, or vehicle signals over NFC or Bluetooth etc.

[00030]       RFID tags are not only identified by the AIORK mobile phone invention, but are also identified with a secret or protected alphanumeric key code and locked by the owner.

[00031]       The AIORK invention enables administration of the RFID tags and access to a Lock-Loop Web platform and/or other Web sites.

[00032]       Information from RFID tags or Bluetooth products can be transmitted over the AIORK invention to



devices such as washing machines, TV, video camera or recorder, engines or other (electronic) products.

[00033] The AIORK invention manages and conveys the numbers or the information from RFID tags or from Bluetooth transmitters, which are registered with criminal or violent persons having the mobile phones.

[00034] The AIORK invention differentiates between Bluetooth, RFID, NFC, W-LAN, IR, GSM and government inspection department signals and of signals of animals, humans, devices and can receive, send and transfer information from a transmitter on a device to another device.

[00035] The AIORK invention guides the full duplex value enhancement hardware in order to identify RFID, Bluetooth or other transmitters.

[00036] As with Bluetooth, W-LAN, IR, government inspection department or GSM, the NFC RFID tags, which like a compass, indicates the direction acoustically or visually to the different multi-functional tags, whereby the application can select or detect determined tags (e.g. key federation in bags).

[00037] The AIORK invention is used for door or all other radio locks with GSM solution (not only classical mobile phones) with Bluetooth or other transmitter modules conveyed, which over Bluetooth or the other transmitter

modules which registers all devices with transmitted ID to permit the information or an alarm as with the air-locks over the Lock-Loop Web platform.

[00038]       The AIORK invention conveys all data of the RFID tags or the product number, like manufacturer series and the identifier or the identification equipment.

[00039]       The AIORK invention identifies, conveys, and manages all information from biometric, personal, physical, medical, physiological, psychological, and/or physical data, which are conveyed by RFID tags or Bluetooth transmitter.

[00040]       The AIORK invention identifies biological and physiological data and conveys radio data values of Lock-Loop radio locks or others over Bluetooth, RFID, etc. Additionally, all inventions including German Patent Nos. DE10204028, DE10140968, DE10132759, DE10102564, DE10058157 and DE10058156 describe mobile phone characteristics announced by Vita phone are incorporated by reference into the AIORK invention and our GSM radio locks for bicycles. The Vitaphone mobile phone government inspection department solution may also run with our extension kit with the AIORK invention to run with a fingerprint sensor as an emergency button for police, fire-brigade, etc.

[00041]       The AIORK invention manages directly or indirectly all Lock-Loop security transmissions so that

another so-called Lock-Loop Web site cannot be contacted by the AIORK invention and/or an equivalent.

[00042]       The AIORK invention manages drones of electronic radio (bicycle) – locks, which do not have government inspection department or GSM modules, but only (Bluetooth) – transmitters. A "Catch the Thief" function in the radio locks or the Bluetooth of capable electronic products sends a signal over (Bluetooth) the transmitters directly to each mobile phone in the proximity (such club members with the AIORK invention), so that this can stop the thief or the vandals or the police or the owner can directly, indirectly or unconsciously provide an alarm.

[00043]       The AIORK invention identifies and locates Barryvoxes with Bluetooth, GSM or government inspection department or other mobile phone compatible transmitters.

[00044]       The AIORK invention completes the exchange of data with constant Web transmission over NFC or Bluetooth with gas stations, `automats or other unmanned devices. The mobile phone with the AIORK invention must be held before and/or during and/or after the purchase of the fuel or the commodity at the gas station or the automat by the cashier's office or be in the Bluetooth reception range. The AIORK invention may convey advertising information with these devices or with air-locks and takes up data storage of all transactions and conveys the transactions to an

account. In the gas stations, automats or other unmanned devices, a mobile phone or an extension kit is integrated only by opposite transactions by the salesman biometrically when authorization for the sales are actually thus confirmed.

[00045] The AIORK invention opens and locks vehicle locks, and also directly controls the opening and locking device of the individual doors and other functions like the opening and locking device of the movement function of shock absorber, hoods, convertible covering via the mobile phone keyboard. For example, 1 is activation on the left door or wheel shock absorber etc., 2 is hood 5 in front is convertible covering, 0 is rear flap.

[00046] In the AIORK invention and/or the display and/or the mobile phone on the radio locks and the RFID tag, the AIORK invention and Lock-Loop logo is evident.

[00047] The AIORK invention enables fast data communication over NFC for products, applications and solutions described by the mobile phone numbers and all authorizations or other information by the AIORK or Lock-Loop inventions. A NFC fast function is made possible according to the general slow Bluetooth function directly opening/locking or data conveying over NFC by bringing the mobile phones into close proximity with the radio locks or the other NFC or Bluetooth capable products. The

authorization is given by a biometric fingerprint sensor.

[00048]       The AIORK invention makes possible the direct paying for or purchasing of items such as bus, airplane, ski elevator tickets, and items from shops by means of NFC, Bluetooth, GSM or UMTS transmission. The price is paid before, while and/or after the travel service, or item is purchased. Each transaction will be transferred to the Lock-Loop Web platform.

[00049]       The AIORK invention in the mobile phone is secured to a lock or at or in a part of the body fastened unit (clock) and can be implemented only together in Bluetooth, IR, and/or W-LAN radio contact with all these remuneration functions or if one enters a code or with a biometric signal (fingerprint, speech recognition etc.) the authorization will be conveyed.

[00050]       Physiological and technical (bicycle) data are possibly seized by the mobile phone over Bluetooth of the clock or (medical sensor) a unit and conveyed and passed on the Lock-Loop site and to selected recipients such as physicians. These units can be integrated emergency buttons, handsless talking systems or other electronic technical solutions.

[00051]       The AIORK invention makes and manages an electronic cash system (ECS). Mobile phone owners can give themselves money or directly make a purchase from mobile

phone to mobile phone over NFC from a money booklet and/or account by the AIORK invention with the Lock-Loop Web platform or a bank register with or without bank or Lock-Loop registration. The user's current and past payments and fees are displayed to the user.

[00052] With a biometric authorization over acoustic speaking or visual face, iris or sensory finger printer identification, an ECS transaction is verified. The ECS blocks itself, if more than a predetermined number, e.g., one, two, three, NFC readers are present, recognized and/or certain. In addition, with the AIORK invention, the ECS uses the Bluetooth net or the GSM net with the same functions and principles. With making purchases using the AIORK invention, one can accordingly keep many money equivalents or genuine money on the Lock-Loop platform credited, where each ECS transaction is directly conveyed.

[00053] 1% of the transactions are charged to the Lock-Loop Web platform as payment. On the Lock-Loop platform or directly on the AIORK invention, transactions can be paid and exchanged for money equivalents or genuine money and be further transferred to further Web sites over the AIORK invention.

[00054] The AIORK invention regulates several RFID readers of identification systems to identify different integrated circuits (IC) from closer, further distance or

with different information on different technologies or different coding or accesses with or without gates.

[00055] The AIORK invention, in particular, functions to control different electronic and mechanical or biological products, devices, etc. and is managed with Bluetooth, W-LAN and NFC.

[00056] The AIORK invention makes it possible to note and convey directly with telephone calls or with scene confirmations a snapshot of the surrounding RFID tags over a certain time interval as proof with photography or with a telephone call. With the telephone listener, an appropriate signal is conveyed to provide knowledge from this action.

[00057] With the AIORK invention, a radio lock can be identified, communicated, and/or each mobile phone and each human and/or each product can be registered. If a harmful or dangerous human with a mobile phone comes into the proximity of another, defined signals having adjustable distance radiuses for alerts are conveyed to the mobile phone. The AIORK invention regulates this data security radius and charges registered offenders automatic penalties or sends alarms out to the endangered one and other predetermined people, such as police.

[00058] If a person with a stolen product or with a pistol comes into the proximity of protected areas

(personality, office, law or military zones), safety stages are raised and alarms are sent accordingly. If a criminal person with a pistol and in riot is registered, then a combination is calculated and with increased safety stages, more urgent and more important alarm priorities are raised and transferred to other AIORK invention mobile phones.

[00059]       The AIORK invention prevents "Bluejacking" on the mobile phone having the AIORK invention and also RFID and GSM jacking. Escape and danger alarms due to the most diverse above mentioned personal, social and social environment safety and preference and/or priority levels are conveyed to the head set or biomechanical, physiological peripheral devices and to other people, societies, institutions.

[00060]       With the AIORK invention, clarifications of products become possible, e.g., safety devices, lamps, engine data with and without RFID tags or Bluetooth and/or other 125 KHz frequencies. The AIORK invention manages biometric data acquisitions for Smart cards for physician, medicine, physiology, passport or stock exchange information.

[00061]       A mobile phone having combined receivers/transmitter Lock-Loop or RFID tag chip can locate and track via several receivers/transceiver-systems (W-LAN, GSM, ultra high frequency (UHF), Bluetooth etc.). Biometrically



or with other authorizations, the authorizations for the locking devices for the Lock-Loop chip or the RFID tags can be given/led by mobile phones or Internet (platform).

[00062]        A RFID transceiver with biometric (fingerprint, speech recognition and iris) sensor and other components can also be attached along with extension kits to a mobile phone with an external plug, Bluetooth or an exchange accumulator. The kit includes different functions and components such as AIORK application, mobile phone functions, mechanic and electronic key and pin with writing recognition, accumulator, memory, processor, government inspection department, GSM, UMTS, radio, camera, lamp, game, screen, keyboard, headphone, high speakers, sirens, Bluetooth, Logic-chip, Mifare 125KHz, Barryvox, IR (remote maintenance). Transmitters and head sets can be operated separate or together from a wrist-watch with physiological sensors and a mobile phone. Each mobile phone/PDA/Laptop or RFID reader with or without the AIORK invention with a NFC or other 13.56 MHz Bluetooth transceiver and USB plug is equipped or with such an extension kit connection with biometric sensor function, and fingerprint is equipped so that over short distances Lock-Loop applications become possible, e.g., payment functions with two or several parties or access control functions and these transactions are directly transferred over GSM and UMTS to the Lock-Loop

Web platform. The transceiver kit can be attached directly (over USB/Bluetooth) to Internet over a PC without GSM transmission.

[00063] The AIORK invention is a multi-functional sending, receipt and detection system and a multi-functional detection system with transmitter for GSM and UMTS transmission. It is possible for receipt of TV and radio signals, own body data (e.g., blood pressure, heart frequency temperature), government inspection department (with stick able outdoor aerial) and amine and an avalanche signal as a detecting device.

[00064] The AIORK invention provides guidance, which integrates management of the "Ebay" transportation and riding along (demand offer auction) Internet WAP platform.

[00065] The AIORK invention manages WAP mobile phones with additive extension kits, which radio locks (open and lock) can switch off with Bluetooth, and NFC and are equipped with a biometric fingerprint or camera sensor or a speech recognition software, those with GSM, Bluetooth, NFC and infrared transceiver in one new RFID tags, and information-transceiver (e.g. with gates) and radio keys, which with Bluetooth garage doors functioned of course, but without Internet, and with GSM connection and alarm transmission or direct management (open, lock, authorize, selectionize).

[00066]        The AIORK invention manages mobile phones or auxiliary kits, which RFID tags or other NFC transceiver with NFC transceiver select, in particular with biometric authentication sensor and is directly coupled over a cable to fasten and/or connect a key or central locking for a car etc. If a car with/without NFC etc. (over Bluetooth) is opened, there is a SMS of the car radio lock to the mobile phone of the owner. The AIORK invention dispatches over Bluetooth an alpha biometric code and over NFC beta biometric and/or sequentially itself minutely changing the AIORK account code, after (alpha) the AIORK invention in the mobile phone receives a signal from the radio lock with GSM (Bluetooth).

[00067]        The AIORK invention makes the identification with or without biometric mobile phone sensor possible with RFID tags with money, animals or humans also for physiological, biological, medical values of implanted devices. With these RFID tags further functions become possible, e.g., counting or postings of money. Within one area, all tags are counted or taken up even with a correct photo over the camera and all Bluetooth, W-LAN, etc. transmitter.

[00068]        The mobile telephone or extension kit can be accepted also by a reader, if a certain personal authorization is present over fingerprint/speech-

recognition and the okay of a data base. So only then can addresses and money be conveyed or purchases be accepted over NFC, etc., with biometric personal authorization.

[00069] With the biometric mobile telephone or extension kit authorization "Bluejacking" computer, auto, studio, home, advertising, payment, admission, beverage, meal and drug automats, medical, physiology, door opening and television/radio "attitudes" may occur with the NFC/Bluetooth/Infrared mobile phone or extension kit in the proximity or in contact with another mobile telephone or extension kit.

[00070] If identified numbers (RFID, Bluetooth, W-LAN) are not registered, the product is announced with this number as stolen. Products without AIORK or Lock-Loop permission are discriminated against.

[00071] The AIORK invention starts or begins each mobile phone or video camera activity of the equipment by transmitting its identification number out over Bluetooth or another transmitted frequency, which is received by the mobile phones when an AIORK invention is administered. The AIORK invention receives all possible (advertising) signals and automatic attitude of televisions or other electronic transmitters and devices on the adjusted preferences (applications, light, air conditioning, advertisement, music) and transmits to the head set.

[00072]        NFC can be certified with the AIORK invention and/or with/without biometric sensor documents, examining and/or control posts with RFID tags for vehicles, airplane or all different examining, stolen goods or test parts which can be certified.

[00073]        For insurance the Lock-Loop web platform and the AIORK invention is an ideal possibility to transfer insurance swindlers. For example, with stolen property, the theft of the properties must be announced within three minutes to the Lock-Loop web site. Recovery of properties can be confirmed with the mobile phone or even with a biometric authorization, whereby the payment of our detection is deducted and otherwise continues to run and further tracking is charged.

[00074]        RFID tags and Bluetooth, W-LAN and/or other transmitter signals can have special secret numbers which are not conveyed over them (coded) but represent a special biometric or other authorization of the AIORK invention or are from a list in an Internet data base, so that the AIORK invention admits the number to enable representation or further administration.

[00075]        The AIORK invention has a transceiver (for vehicles, packages, products, penalties, bets, taxes, NDA, enamel) with certain RFID tags or NFC or Bluetooth and a security code is selected or required which only authorized

persons (law and police) are able to identify whereby this happens on the Lock-Loop web platform before the authentication/registration is required.

[00076]       A further advantage is that a perfect mechanical theft protection is achieved (e.g. nobody can enter any more into our snowboard binding or can unscrew it from the board). This principle of the mechanical theft protection is integrated naturally in the Lock-Loop invention and will be managed by the AIORK invention. For example, each (visible) unit and each RFID tag which is lockable with a lock is visible imprinted and a RFID chip has a "registration and/or a license number" for every body. Other products do not protect against theft or may be illegal, e.g., Eastern Bloc or Asia copies and/or imitations. Only products having the present invention legally guarantees insurance protection. The number permits finding and managing of the device over the mobile phones with the AIORK invention.

[00077]       The AIORK invention may have biometric fingerprint speech recognition or other sensors in mobile phones or associated extension kit with bank teller machines, parking meters, automats, bars for beverages and cash registers and air-locks or entrance doors over NFC, and/or successively Bluetooth or other transmitter technology an access control and Direct Payment functions

are completed at the same time. Before and/or during (that is ongoing or with interruptions) and/or at the conclusion of the consummation must be kept and/or terminated by biometric authorization by the consummation activated, whereby the consummation is booked directly/sequentially later over GSM/GPRS (general packet radio service)/UMTS/W-LAN by the mobile phone on the Lock-Loop Web portal. The AIORK invention can be stopped in such a way that most diverse possibilities of the safe deductions and their controls can be stopped over Bluetooth or with NFC and biometric authorization connected deductions. With Bluetooth, the user can deduct, book, decline or change parking and other vehicle travel over NFC ranges and areas with or without a biometric (fingerprint) sensor, e.g., in a parking garage or house.

[00078] The AIORK invention provides even exchange with the Direct Payment or the currency exchange with genuine or with play money over biometric fingerprint, speech recognition or other sensors in mobile phones or associated extension kits and will run with banks, institutes for payment, stock exchanges, auctions, lotteries, betting and gaming houses, and/or legal institutions, directly over NFC, Bluetooth or another transmitter technology and/or over encrypted email or SMS traffic over the AIORK invention. Access control with more biometrically visual

(iris, several eyes, face) identification, where within a certain time or at the same time mobile phone or extension kits with NFC to another mobile phone or extension kits or radio is provided. An air-lock is held to the opening bolting device for authorization with an Okay Button or otherwise acoustically or visually managed over Bluetooth, GSM or other transmitter technologies. During or not during telephoning, the simple smart management of the radio locks is to be ensured.

[00079] The AIORK invention certifies the Direct Payment and access control transactions over NFC, GSM or Bluetooth over a certain number of counter receivers and/or transceiver in the mobile phones, doors, air-locks. For example, criminal espionage with transactions and deductions will be so avoided, and the authorization and deduction of the two parties will be proven and confirmed during and after the transaction.

[00080] With the AIORK invention, emergency calls are to become public or private institutions are able to have accurate government inspection department detection and direct person identification with an emergency button with biometric fingerprint and speech recognition sensor in the mobile phone or an extension kit.

[00081] In the AIORK invention, profiles can be entered including person, occupation, preferences, and inclinations



and can prevent "Bluejacking". NFC, W-LAN, IR between the mobile phones are exchanged with Bluetooth and with radio locks and with gates, attitudes and data of physicians, authorities, garages, and/or specialists can be entered.

[00082] For mobile phones or all other PDAs etc., the numbers on an Internet site will be managed and downloaded for a "Friend Finder Function" on the mobile phones, PDAs, laptops or vehicles. The "Friend Finder function" is over Bluetooth, NFC, W-LAN, IR, GSM etc. and provides a direction manager like a compass to friends or products with RFID tags or other products with Bluetooth, GSM, W-LAN, IR etc. transmitters, which register a number on a Lock-Loop Web platform in the environment or at certain places, and which provides the location of friends/enemies/products and other tags or microchips, which have a transmitter, e.g., television stations or channels or RFID tags. The RFID tags or electronic products with the numbers can also be tracked. Everything will be found and can be individually locked. An auxiliary function permits several radio interfaces and/or mobile phones to track each RFID tag or electronic product a defined distance. The detection over a Bluetooth or other transmitter by a government inspection department from mobile phone to mobile phone would be the best detection via Bluetooth, NFC, W-LAN, IR etc. of a stolen mobile phone, PDA, laptop,

video camera etc. and bike lock or Barryvox, because the GSM cells detection is too inaccurate. Also, the invention has a compass function to locate those buried in an avalanche by going the same direction, with a mobile phone or a Barryvox or friends and/or its Bluetooth capable laptop, PDA, or video camera. The mobile phones provide direct management over Bluetooth or another transmitted frequency. A laptop or video camera could also be used to provide a location such as with the delivery packaging or the manual shipped code to deactivate and/or activate, in order to let the property make detection possible. This code is deposited with the registration at the Lock-Loop Web site together with the serial number of the registered product, apart from vehicle and person and/or mobile phone detection. The new radio locks and all electronic devices or other products register owners with one platform. One does not want to have three (vehicle, Bluetooth or RFID products) different detection services which can be paid. The "Friend Finder function" is started and accounts for pulsating in time intervals.

[00083]       The extension kits with NFC transceiver have a CPU (central processing unit), a memory, a plug for a USB (universal serial bus) memory, a solar panel, a government inspection department receiver, a biometric (fingerprint, iris, or face identification sensor, a microphone, a

loudspeaker, a digital display, one RFID tag, a key, a measurer, a screwdriver, a USB connection, a clock, a Bluetooth transmitter and a GSM module.

[00084]       The AIORK invention manages multi-compatible NFC and 125 kHz integrated circuit (IC), i.e., identification of 13.56 MHz IC and double or repeated IC with 125 kHz or 2,4 (5) GHz, with the same or different number of the AIORK invention and together with the Lock-Loop Web platform (numbers to administer, register etc.)

[00085]       WAP mobile phones could always be located by GSM or government inspection department net, but it was not possible to lock them. Such an instruction could be sent to the mobile phone, but if it was turned off completely, the GSM detection is no longer possible. With the AIORK invention, it is possible with GSM to locate and open Bluetooth or W-LAN on a switched off mobile phone with other mobile phones and even GSM radio locks. The radio lock has another additional requirement for data security in the Lock-Loop application. Convicts confined to the home or children can be tracked with GSM but cannot open the lock without authorization. Our radio locks, like the mobile phones with the AIORK invention, can be located in such a way both over Bluetooth and also over GSM and government inspection department net. Unlocked mobile phones or radio locks can be locked or unlocked in order to

function, whereby the tracking is possible over government inspection department and GSM nets and also now over Bluetooth mobile phones, where one can also control mobile phones the same as over the GSM nets. With the AIORK invention, the mobile phones and radio locks can be turned off, whereby the owner can switch the AIORK invention off only with his code and/or his authorization and can turn off a mobile phone and the GSM, government inspection department, Bluetooth or W-LAN detection, i.e., these transmitters allow the mobile phone to be detected even when the mobile phone is turned off.

[00086] Expense accounts for Direct Payment and access control are completed and/or deducted on the AIORK invention directly on the tax declaration and cleared over a direct GSM transaction on the Lock-Loop Web platform. This service is offered to patient map accounts or post office accounts, tax accounts, for medical insurance and can be unlocked with biometric authorization and conveyed directly on the Lock-Loop Web platform. For the tax form, all tax legal activities can be deducted and controlled.

[00087] The AIORK invention activates/calls the mobile phone and displays telephone numbers for alarm, information or hotline calls of products with RFID tags or other Bluetooth information.

[00088] The AIORK invention can provide school plans

and can tell parents where the children are located. The AIORK invention supplies a time table, and conveys alarms and information for the teacher, school line, schoolmate and parents.

[00089] The AIORK invention looks for certain RFID tags and traces them in the nets over all possible mobile phones and air-locks over NFC, Bluetooth, W-LAN and GSM.

[00090] The AIORK invention supports the mobile phones or extension kits with biometric (fingerprint etc.) sensors by integrated PGP or an email or a telephone call and/or acoustic dictaphone language recorded code. With each restart of the mobile phone, a biometric identification is required. With each email, a payment and a biometric authorization are booked, so that spam will be complicated, expensive and complex.

[00091] The extension kit and mobile phone has to open or close an electric circuit and sequential RFID tag therein for the mechanical attachment of these two parts and for the attachment of keys, etc.

[00092] With a simple press of a button, all surrounding authorized doors or radio locks are opened and all payment possibilities are offered on the display and at the same time on the fingerprint sensor, so that bus, bank teller machine and meter parking can be deducted over Bluetooth/NFC and Direct Payment over NFC/Bluetooth.

[00093] The AIORK invention is connected to and with (e.g. SAP) firm management software and, so that their co-worker, team, projects and customers become direct with the AIORK data over place of residence (over government inspection department, GSM), time etc. and which is confirmed with biometrics.

[00094] The AIORK invention conveys mobile GSM alerts and indicates defect areas in radios, fire alarms, safety devices or electrical, water, gas meters.

[00095] The AIORK invention manages the account for customers of "Call A Bike" or other rented vehicles, RFID tags or other rented electronic products, such as video cameras etc. with direct accounts for costs.

[00096] The AIORK invention in the extension kit or mobile phone automatically looks for Bluetooth in a mobile phone or extension kit, so that the access and over all direct M-payment functions will transfer control directly over GSM to the Lock-Loop web platform. Each transaction is announced by GSM on a mobile phone of the owner.

[00097] The AIORK invention in the extension kit or mobile phone takes up automatically each discussion or picture and each W-LAN, Bluetooth, NFC radio and with the biometric fingerprint can be dispatched and archived as a coded email. Thus, fraud will be much harder and other misunderstandings will be avoided or at least reduced.

Business documents and legal forms can be secretly conveyed or sealed as confidential with a biometric sensor in the extension kit.

[00098]       The AIORK invention provides a RFID number on all products of old Ricardo and Ebay etc. auctions, wherein products not sold or residual items can be auctioned/ offered again and can even be shipped using LBS functions.

[00099]       A NFC, government inspection department, or Bluetooth transceiver (module) alone or with a biometric sensor etc. such as a plug-in card can be in the extension kit or in the mobile phone. The extension kit has multiple USB plugs and all other plugs for the usual mobile phone models.

[000100]       With the biometric fingerprint sensor in the extension kit or mobile phone or PDA or laptop and using Bluetooth, one can log in directly with Internet bank accounts or with stock-exchange places, or with lotteries, betting and gaming houses to make purchases, sales or trades and to provide authorization or confirmation of the transaction which is delivered by the fingerprint sensor.

[000101]       Telephone calls or picture telephone calls are authorized by the biometric sensor so that the call is safe and has the correct caller on the telephone.

[000102]       LBS can be used, for example, to signal that someone is late for a meeting, e.g., 1 km away or 1 minute

away.

[000103] With the AIORK invention having a fingerprint sensor, a photo is indicated to the person on the display and/or the other mobile phone via NFC or Bluetooth transceiver to police or security people. An electronic passport or identification document can be provided to a mobile phone and the owners receive authorized access to data which can be used immediately for competitions, mailings etc. whereby the owner can make adjustments with the AIORK invention.

[000104] An extension kit can be attached not only to mobile phones, but also to beverage, coffee, nutrition, cigarette, gas station, or parking meters, automats or cash register and GSM, NFC, and government inspection departments can indicate a place and time of a money transaction.

[000105] The AIORK invention enables a government inspection department to view a vehicle's parking place and time and each police officer can use a mobile phone on the Lock-Loop Web platform to check whether a fee was paid for a vehicle.

[000106] The AIORK invention provides a mobile phone and/or extension kits with biometric fingerprint sensor or another biometric sensor. Forms for patents, tax declarations or other forms for office or internally



confidential or secret documents can be conveyed by email/  
SMS secured in the office.

[000107]       The AIORK invention provides a mobile phone  
and/or extension kit with LBS across government inspection  
department and uses an emergency button to send alarms to  
police, coast or mountain guard, outpatient clinic,  
psychiatry, helping hand, alcohol and drug approach places,  
toxicological institutions, fire, oil and chemical security  
stations.

[000108]       The AIORK invention provides a Direct Payment  
or an access control transaction at the same time or which  
at least temporally retards a confirmation of the  
transaction over on the Lock-Loop Web platform via the  
Internet, GSM or UMTS networks.

[000109]       With the AIORK invention, mobile phones or  
extension kits can be connected to laptops and PDAs with  
the Internet. With NFC, W-LAN and/or Bluetooth, an  
extension kit or mobile phone with the AIORK invention  
provides a fingerprint or other biometric sensor to a  
laptop, PDA, etc., so that the mobile phone can be  
mechanically or electronically connected and still have the  
same functions as a computer mouse with remote maintenance  
or with a USB plug for the different mobile phone and PDA  
models.

[000110]       The AIORK invention can provide for post

office and bank payments because all transactions with biometric sensors and proofs are managed, authorized and/or registered and transferred to the Lock-Loop Web platform. With the AIORK invention, one can play lotteries and conduct stock exchange transactions with the fingerprint sensor providing authorization.

[000111] With the AIORK invention, an email with a biometric sensor will be identified and an official proof, such as a written letter that the email was sent, can be provided.

[000112] The extension kit with Bluetooth is the only extension kit which can be used with mobile phones without Bluetooth and which may send data and/or signals to Bluetooth head sets or other Bluetooth devices. Bluetooth transmitters may have different transmitters such as W-LAN, government inspection department, NFC.

[000113] The extension kit is fastened beside the Bluetooth and USB etc. patch cord and binds with a connection catch to a mobile phone.

[000114] The extension kit has additional memory cards or additional interfaces and slots for memory cards and chips.

[000115] The AIORK invention starts the engine of a car, motorcycle, ship, airplane or other vehicle with keys. Other products which can be started include saws, air

conditioners, laptops, pumps, etc.

[000116]       The AIORK invention starts an alert if a Bluetooth transmitter, extension kit or mobile phone is in a place, such as in a purse or in a suitcase, bag etc., and it is removed from a certain range or distance. The Bluetooth transmitter is placed in credit cards where it is turned off and on, along with a battery having a solar panel, fingerprint sensor, digital display, Jog dial or even a lock and a cable and a RFID tag. The Bluetooth transmitter can be directly placed in wallets, suitcases, and bags.

[000117]       The AIORK invention permits tracking each mobile phone or extension kit with a payment function and a memory credit over government inspection department, GSM and over Bluetooth, W-LAN etc. whereby an acoustic or visual warning signal is sent.

[000118]       The AIORK invention permits each mobile phone or extension kit over Bluetooth or W-LAN to provide an emergency call signal to police, outpatient clinic, rescue etc., if no government inspection department in the mobile phone or extension kit is made with accurate detection of every other mobile phone or extension kit or radio lock in the radio range.

[000119]       The AIORK invention also has on the Lock-Loop bank account a method for an AIORK security code to run,

which changes as with Secured Direct Net maps sequentially every few minutes, so that only with this AIORK code and the personal fingerprint code at this time (in this minute) can a transaction be made with the AIORK invention over NFC/Bluetooth/W-LAN etc. The AIORK code can again be constantly downloaded again with a pin by the Lock-Loop platform and be installed for a certain time on another AIORK mobile phone, so that thereby Direct Payment and access control applications can be transacted. The pin consists of an AIORK mobile phone numeric part and a fingerprint part of the owner which can be entered. The AIORK security code can be sent either daily to the mobile phone or can be requested or can be installed once or sequentially on a mobile phone and/or with completely normal sending of telephone calls over a mobile phone. If necessary, still another password can be required for each transaction. Each transaction is registered thereby (optionally) directly by SMS at the AIORK mobile phone owner, so that it is informed about all its bank transactions and can act, if necessary, if somebody else lets a transaction occur on a Lock-Loop bank account. This concept can be applied to the access control, RFID tag and the radio lock opening and bolting device solutions. Smaller amounts at automats may already meet an adjustable daily, evening or 4 h limit of 100 SFr., 50 SFr. or 20

SFr., without which a GSM call must be made to inquire (AIORK) of the security codes for higher amounts. With each telephone call the AIORK invention can clarify the security code and the personal fingerprint or the own personal language sample code.

[000120] For post office dispatch packages a biometric authorization over a mobile phone is made, where the delivery of the package with a RFID stamp is transacted from person to person with direct GSM transmission to the insurance/bank/sender/owner. Wherein they are conveyed to code transmission with the delivery additionally for the AIORK security code of pictures of the faces with a second fingerprint authorization and/or mail box packages can be transported such that extension kits with NFC/Bluetooth and GSM module can confirm delivery thereof. The package can contain a Bluetooth/NFC/W-LAN extension kit. With delivery, a photo can be made by the product receivers. This concept can be used for borrowing from products, where beside the photo of the place and product, RFID tag identification is made by the product by the fingerprint sensor identification of the person.

[000121] The AIORK invention can be supplemented like Linux by a user as an open platform, where the new solutions and applications can be downloaded over the Lock-Loop platform.

[000122] With the AIORK invention, each mobile telephone call can be stopped in such a way by the mobile phone owner that only those calls with a biometric authorization will be able to be made.

[000123] The AIORK invention can use Bluetooth (in a radio lock) and is connected with the central lock of vehicles, houses, garage doors, etc. in such a way to open and lock other radio based devices such as air conditioning, television etc.

[000124] The AIORK invention can manage the SMS reminders of a creditor so that one can communicate with their customer via the strikes by SMS, so that no reminding or distortion damage expense develops and the calculations can be paid. With a fingerprint, the confirmation is sent back that reports that the strikes were noticed, and will be directly covered over such AIORK Direct Payment.

[000125] If a wrong pin or an unauthorized fingerprint is pressed on the fingerprint sensor to start an access control or Direct Payment or opening function on a mobile phone or an extension kit with the AIORK invention, a Bluetooth alarm will be sent to another Bluetooth device with GSM or an alarm can be directly sent with GSM.

[000126] At a direct payment or other AIORK invention function and/or application, the complete content of the AIORK invention in the mobile phone or extension kit can be

buffered only with later GSM speech recognition passed on the Lock-Loop platform and/or an account.

[000127] Auction, payment, and stock exchange authorizations can be transacted over the fingerprint sensor and/or a pin over the AIORK invention in the mobile phone or extension kit.

[000128] If a new AIORK invention component is loaded and implemented on a mobile phone, PDA, and/or extension kit, the International Mobile Equipment Identity (IMEI) serial number of a lost equipment is checked and tracked on the Lock-Loop Web platform.

[000129] With the AIORK invention, a fingerprint sensor can send a coded Bluetooth or another signal to the central engine control unit of vehicles where the engine is thereby started. The central engine control unit has a transmitter which can be another GSM module beside the Bluetooth for detection and alarm transmission of a stolen vehicle and a movement sensor or other devices which detects the theft or bad starting of a vehicle which registers and announces on a mobile phone or to the police, such as in the Lock-Loop platform for this mobile telephone platform.

[000130] The AIORK invention with Bluetooth, NFC and FP-sensor etc. can be used with mobile phones and extension kits and also in wrist-watches or MP3 or other music players with radio or TV-channels with appropriate tuner

and video hit lists, which are loaded over GSM and in particular over UMTS. The audio signals are conveyed on the head set and the video signals on a monitor on a mobile phone or a PDA.

[000131] The AIORK invention can be re-energized only over a provable code transmission and/or decoding on the Lock-Loop web platform by authorized persons of the extension kit or mobile phone. In particular for the "Direct Payment" payment application, a double pin and fingerprint is needed as code for the bank account to open the money account memory over the AIORK invention.

[000132] Each "Direct Payment" payment is registered with the AIORK invention from the owner to the buyer with data regarding price, place, date, mark, number of items, suppliers, cash and deductions for tax declaration, etc. A credit can become a payment which is buffered in the memory of the AIORK invention until the device is placed on a docking station connected to the Internet or over a GSM binding and the deducted amount is authorized with a fingerprint sensor and pin code.

[000133] The AIORK invention manages all personal attitudes or settings of persons/individuals over preferences (music, channel, air conditioning, seat position), physiological biological body and disease data or the application and/or system data, for example, the



attitude of the radio for "Traffic" functions, thus the appropriate local, spatial and terms and in vehicles of private and public means of transport to be adjusted over Bluetooth/W-LAN/NFC.

[000134] With the AIORK invention, all types of devices such as clocks, key federation or purse, mobile phone, PDA, extension kit and radio locks can be located and managed over the Bluetooth or NFC transmitter over short 10-100 m distance.

[000135] The AIORK invention has a software additive, which makes distance computation possible in EK, PDA, mobile phone, from whose GSM modules including the GSM or UMTS masts. New antennas are also recognized thereby and the coordinates are taken into our mast maps and/or transferred directly.

[000136] The AIORK invention in a mobile phone and/or an extension kit with Bluetooth and NFC transmitters and fingerprint sensor can also include a mouse, a key board or another acoustic, visual input medium attached and/or integrated with a movement sensor as a Lock-Loop GSM radio lock in bank teller machines, parking meters, automats, cash registers or other valuable properties or into a modem.

[000137] The AIORK invention in a mobile phone and/or an extension kit with NFC, Bluetooth and FP-sensor opens

not only radio locks with bicycles, vehicles or doors, but also locks and unlocks radios, engines, computers, PDAs, bank teller machines, cash registers, documents of identification, TV-info, and advertising devices.

[000138]       The first RFID tag identification must pay a license or a license number must be entered on the Lock-Loop Web platform for the extension kit.

[000139]       With each transaction or when switching on and off, a Bluetooth, NFC, or W-LAN pin code is sent over each extension kit in mobile phones, or at cash registers or parking meters to Lock-Loop transferred the Web platform and/or from there to the mobile phone or email account of owner, if it is announced stolen.

[000140]       If one comes into the proximity of an extension kit such as at automats, cash registers, bank teller machines, parking meters or mobile phones, a Bluejacking advertising or information message is conveyed, which can be adjusted to personal preferences.

[000141]       The Direct Payment solution is loaded daily by docking at its own computer and Internet connection with a new coding on the AIORK invention by an authorized person having a biometric fingerprint so that only this code combination is accepted and all others are not accepted. The same occurs with each telephone call over the GSM net.

[000142]       The EK for clocks is fastened by means of the

bracelet under the clock, whereby the volumes are led by two slots.

[000143] A control for Infrared Data Association (IrDA) TV-devices etc. has to head for the EK and/or the AIORK invention.

[000144] The AIORK invention can load and unload other RFID tags and/or NFC trailers with credits with an authorization of the RFID tag and/or the NFC trailer, if the owner knows the pin code from the tag.

[000145] The AIORK invention has additional coding solutions, which are already inserted in an additional local and temporal independence/obstacle, which does not represent a hurdle for clever thieves because they can hang small espionage transmitters to the chassis when starting to drive and when turning the car off because the NFC is sufficient to view the code.

[000146] The AIORK invention may have a digital camera connection and/or an extension kit which can also possess such a camera.

[000147] The AIORK invention can better pick RFID tags out with larger transponders (boost) over larger distances, so that e.g. detectives or personnel can make identifications still on the road, whereby directly over Bluetooth/GSM of the regularly sold and/or not sold products are conveyed on the AIORK invention.

[000148]       The AIORK invention can store the offers and requirements for previous sales for products with/without RFID tags and with later interest in the sales/purchase, and provide a report to the bidders which was made with biometric fingerprint sensors which are valid so that still another contract comes to conditions.

[000149]       The EK with AIORK invention can read and describe RFID tags or other active transponders both over 125 kHz or also over 13.56 MHz (Mifare) or still different frequencies and technologies such as Bluetooth, W-LAN etc. and/or communicate in such a way. An acquisition made with the AIORK invention is registered on the Lock-Loop Web platform.

[000150]       The AIORK invention recognizes a money transaction which is manually entered over the headset or the extension kit or mobile phone and with direct fingerprint sensor contact on the equipment and on that facing equipment, so that with fingerprint sensor contact immediate deduction of the transaction is authorized. A purchase or sale can be made by simple, double or repeated sensor contact on a slide sensor.

[000151]       The AIORK invention permits currency exchange without rate of exchange losses, wherein a new M-Payment currency is introduced, and provides a selling rate difference and can compare a currency's current selling

rate to \$, £, euro, Yen or SFr.

[000152] With a bar code scanner and/or a recognition sensor equipped EK, the AIORK invention can directly display the price to indicate to a FP-sensor the authorization and/or management of a payment transaction.

[000153] The AIORK invention can manage RFID, W-LAN and Bluetooth tags, such as to turn off personal codes, to initialize and to send by the Friend Finder application an alert to a Web platform or a mobile phone. The AIORK invention can sequentially change recognition codes of the RFID, W-LAN and Bluetooth tags individually, thus these are not able to be pursued by other RFID, W-LAN and Bluetooth receivers and/or AIORK Friend Finder soft goods. The Friend Finder application can also directly identify a searched for property and start a new search on the AIORK invention over GSM/UMTS/Bluetooth/W-LAN/NFC.

[000154] The AIORK invention can recognize at the same time disturbances of GSM, RFID W-LAN and Bluetooth jammer and convey by means of such signals the existence/use of such jammers. In particular if several Bluetooth Piconets are disturbed, there are alerts to police and mobile phone owners. Also, other vehicle or mobile phone alarm is conveyed if a vehicle is not announced correctly and/or is not logged out correctly, because it was stolen, to give an alarm of the other vehicle or passing humans with its

mobile phone with Bluetooth and GSM module.

[000155]       The AIORK invention can initialize radio locks for new downloads.

[000156]       The AIORK invention can select for M-Payment equipped RFID/Bluetooth, W-LAN tags and/or chips with EEPROM Cache and the M-Payment transactions are secured by a pin code of the owner/debtor into the AIORK invention.

[000157]       The AIORK invention looks for the most suitable transaction mode including the always safe NFC or less safe 125 kHz Bluetooth, IrDA, W-LAN.

[000158]       Fingerprint sensors on the extension kit can be operated from left to right and from top to bottom.

[000159]       The AIORK invention manages food, packaging and/or nutrition values directly from the package insert. One RFID tag with the product specifications is appropriate, where the customer can pick the data out with the mobile phone etc. or the data can be read over the GSM net with a pin from the product.

[000160]       The AIORK invention can manage mileage conditions, gasoline, oil consumption and conveys these from the vehicle and/or the central engine control device with Bluetooth transmitter and registers all driver data, driving fashion, etc. and conveys these daily and/or when each starting and turning the car off with the AIORK invention to the driver via the Lock-Loop Web platform,

whereby the data are always conveyed to the vehicle and driver.

[000161] With the AIORK invention, ignitions and doors of vehicles and motorcycles can be opened, started and/or managed over NFC, Bluetooth etc. with biometric fingerprint sensor recognition of a person such as with the Lock-Loop application. At the same time, the AIORK invention takes over the connection to the free intercom or head set and to the central engine. An extension kit with AIORK invention can be kept direct by doors and ignition and be placed on the loading station, where still more exact driving specific data are exchanged. The door can be opened automatically, instead of only unlocked with NFC/Bluetooth.

[000162] The AIORK invention regulates the free intercom in a car, house or elsewhere. In particular in the car, the AIORK invention switches modules for discussions or downloads from the mobile phone to the car GSM around the mobile phone accumulator.

[000163] The AIORK invention has a coding that enables mobile phones etc. with NFC vehicle to lock with RFID coding and/or a safety mechanism so that the locks cannot be unlocked. A NFC transceiver ID number will know the particulars of AIORK soft goods, whereby a report is made to the mobile phone of the owner over NFC, Bluetooth or GSM.

[000164]       The AIORK invention provides a Bluetooth, W-LAN, and/or NFC transmitter in an electronic device with an AIORK alarm system so that an identification number of a device can be registered each time the device is turned on or off so that an alarm is conveyed to the mobile phone of the owner. The AIORK invention can be adapted for various types of conditions, such as for in particular M-Payment in Europe, the USA and Japan. In a central unit, permissions for users, partner companies, providers, data, etc. are managed.

[000165]       The AIORK invention is in direct contact with the Lock-Loop data security solutions for locks and/or also for the key, which can be managed only with biometric authentication for the different AIORK applications. In particular, an electronic purse cannot be tracked any longer and not used except with its own biometric authorization.

[000166]       The AIORK invention makes it possible for each user to directly download W-LAN news on its mobile phone/MP3-Player with Bluetooth or NFC.

[000167]       Further, a person can write a new AIORK application or a partial version, whereby they receive percentages of profits for this, completely after success of the application. Every one of the installed soft goods is initialized with the use and examined with the functions



of the AIORK invention. Thus, Bluetooth chip numbers or other hardware components, telephone numbers, name, and/or manufacturer of soft goods with licenses is examined. This ensures that the dominant factors of the soft goods are only used and that no other bad AIORK soft goods are on the mobile phones.

[000168] The AIORK invention can be adapted for various types of conditions, such as for in particular M-Payment in Europe, the USA and Japan. In a central unit, permissions for users, partner companies, providers, data, etc. are managed.

[000169] During a registration of a vehicle or a product with a Bluetooth transceiver in a group to the safety device before theft by the announcing Bluetooth radio lock, a call with a transmissions code is made to each surrounding vehicle or product so that each calling radio lock exchanges security codes, which make it possible for only two radio locks to have the same security code. Here each minute between these two radio locks is monitored so that the presence of all radio locks assigned the same security codes are confirmed. Thus it can be prevented that a third spying radio lock spends itself in such a way and/or is camouflaged as an announced and/or announcing radio lock, so that the announcing radio lock with a jammer can never be blocked and stolen.

[000170]       The AIORK invention can be paired via pin codes or fingerprint sensors in mobile phones, etc. using Bluetooth, etc., but also be paired with a vehicle and other robbery security systems for registration and recognition codes so that they are simultaneously exchanged between the Bluetooth modules. The pin or fingerprint can be used as authorization for pairing with other mobile phone radio lock combinations. A curl-loop platform transfers these pairings to log on directly or time shifted in the first GSM-net.

[000171]       The AIORK invention will turn off a Bluetooth or NFC in each telephone call or make a query via W-LAN, 125 KHz or other transmitter in a device to all surrounding transmitters, and the ID-numbers of the transmitter-chip are transmitted over the GSM-query directly on the curl-Loop-Web-sites, with the registered devices and/or further per alarm-SMS to the mobile phone of the owner.

[000172]       For online-internet authorizations, authentications or confirmations, a fingerprint sensor provides confirmation over the AIORK invention of the device over an encrypted Bluetooth, W-LAN or NFC connection over a computer for the protected accesses on the servers and files in patent offices etc.

[000173]       The AIORK invention can support a mobile phone and other PDA-video projector which use a movable

micro-mirror in the pocket format and can build up the picture to be projected line by line and project then on a wall or in the space or on glasses.

[000174]       The AIORK invention can simulate a passive RFID-block-chip vis-à-vis the harvest device and a sheer endless number address RFID labels that can be queried or can actively stop the reading of the RFID chip by an interruption signal on this RFID frequency.

[000175]       Ebay: Carrier and go (request-offer-auction) Internet or WAP platform (for passengers, cyclists, taxi-business, train and flight companies) which so can be described: State of the art is Ebay, an Internet-WAP-auction-platform for products and for persons without (real-time) GPS and GSM-data capture and transmission. For the orientation of the persons, there are new GPS orientation and GSM orientation and display-technologies which enable a new service of the cheapest offer-demand auction for the person's carrier. In Ebay, it is not yet possible to grasp or detect directly the place (a mobile phone) of a bidder or a customer in an internet-WAP-platform on a card or a list and let run an auction for the offering of the cheapest carrier. Other carrier-sharing opportunities and/or platforms with auction function also do not yet use the direct GPS GSM location detection and/or input means. Also, taxi companies do not yet operate such

digital GPS and GSM location-tracking-systems in order to directly pick up their customers. There are fleet tracking and managing systems where an operator can announce a location where a package will be picked up, but this system does not operate for persons and wherein the persons-location-confirmation will be managed over a device with fingerprint sensor.

[000176] A device with fingerprint sensor for a direct estimation and for the access on an interactive Internet and/or mobile-phone-portal with video hit-list, hit-chart and/or hit-parade, TV channels, games, services, products, software implementation, authorizations, polls, rights and duties, partner-meetings, trades, economies with direct payment-transaction-service possibilities, can be described as follows: this AIORK invention runs a mobile phone portal over retrievable interactive mobile devices, wherein the contents will be rated by direct download. State of the art is Multimedia Messaging Service (MMS) pictures that are sent interactively from mobile phone to mobile phone. Yet there is no use and/or no service is described that defines a performance of multiple uploaded video-contents that are listed simultaneously interactively in a (hit parade) list on a portal. Of course there is Internet hit parades on WAP, which are not interactive and are not listed through the number of hits by mobile phone calls.

The AIORK invention incorporates the further development of the invention described in European Patent No. EP (applicant Sun Microsystems; published 1999), which describes such a video hit list on computers. It does not describe however the interactivity and especially that on mobile phones, how these video-clips are observed. Mobile phones include a CPU as a computer, but the main independent claim of the Sun Microsystems patent refers to a computer apparatus comprising (a) a computer having a display, (b) a database of video images, and (c) a user interface, running on said computer for presenting a selected representative image of each video presentation stored in said database and identified as relevant to a user query, in a respective cell of an array of images of reduced size.

[000177] In the present invention, video-contents run on mobile phones and are presented whereby the mobile phones, PDAs, and laptops run on their own CPUs and/or computers and no hit parades list download after that. Servers/computers do need to display what the first difference is regarding the Sun Microsystems patent, because the hit parades of the present invention will be displayed on the mobile phones and the hit-lists are secured with fingerprint sensors on the mobile phones.

[000178] The second much more important difference

regarding the Sun Microsystems patent is that the Sun Microsystems patent describes only that the system is carried out by a network with a server and that a search engine seeks the clips on a server and presents them in a hit-list. The Sun Microsystems patent does not describe that the clips are sent interactively on the server or are already input on that hit-list by other selection mechanisms or that they become the hits themselves listed, which were rated again with fingerprint sensors on the mobile phones. It does not stand or show that the mobile telephones have the clips without hit parade-list, but rather only with an array. Sun Microsystems does not disclose in their patent the simplest function that will be coming at last in the future to the use, that only submits/uploads by the mobile phone out of no search queries to a server which are successful, and however the hit-lists already on the server through other search queries and/or only already through the hits themselves, which are to be rated especially only and uniquely with fingerprint sensors.

[000179]        Unfortunately they have not thought and/or led a logical reasoning on the mobile phone to an end and so they have left open a space which they have not closed. They claim a hit parade of the most hits (hits) after that which is sought criterion. But very decisively they do not

claim (the) "hit"-lists, that usually selected video in a hit parade, also if that can be a sought criterion itself. In this special case, only the hit parade-lists would be sent, but not the contents of the hit parade (e.g. the video on place 1, 2, 3...) what is only asked by the consumer. Moreover, there is no need for user submitted search queries because the best videos are delivered and listed already by VJs, which pre-select and categorize them in special categories hourly, daily, weekly. In the Internet, this Sun Microsystems patent has no commercial effect and only operated on a mobile phone portal will it have success, because this can be made only by telecom-operators, which need a license and demand a payment from the consumer. Moreover with fingerprint sensors in the mobile phones or computers, best people-related hit parades can be generated to purchase and consume contents.

[000180]       The AIORK invention includes a device like a mobile phone, MP3-player, watch, extension kit or other suitable device with a fingerprint sensor or with another biometric identification medium with all interfaces for the interfaces, including as hardware and applications such as access, number, password, identification, authentication, authorization with an optional memory, display, key pad, microphone, high speaker, CPU, accumulator, solar-panel, camera etc. and/or such an extension kit that interfaces

mechanically and/or electronically with radio transmission which is connected with a GSM, Bluetooth, NFC, W-LAN, ultra-wideband (UWB), IrDA, 125 kHz or other 10 cm-100 cm short distance transceiver, radio and/or TV transceiver having different electronic and mechanic keys to run applications.

[000181]       The AIORK invention provides at least one of the following: managing, opening, closing, starting, accessing, using an interface key for a part function or additional information, authorizing or tracking one or multiple devices such as a bicycle, motorcycle, vehicle, home, garage or other mobile or firm radio locks, engine starters or ignitions. The unit codes of the communication transceivers pair their codes simultaneously with keys or with a directional antenna with Bluetooth, NFC or W-LAN in the direction of the next transceivers or tags which are displayed. The directional antenna provides the shortest distance to access the desired transceiver or tag calculates and displays the time, location and other data which are registered. With moving sensors over a Bluetooth or other scatter net and GSM, an alarm is transmitted on a mobile phone platform or on the mobile phone of the owner and tracking or emergency alarms run with tracking displayed over GSM mast tracking or GSM-module and application tracking.



[000182]       The AIORK invention provides access-control applications with bidirectional, direct, simultaneous photo and personal data displays for controlling persons, transactions for money, and/or mail parcel exchange. Biometric fingerprint sensors over NFC, Bluetooth etc. provide authorization and controls vehicles with their central engine, or other service settings, and devices such as laptops, television sets, washing machines etc. Installations for power, telephone, radio nets, central service units, and terminals will be read, identified or be reconfigured with the protected service data. In the device with a fingerprint sensor, a safety code (C0) will be transferred over Bluetooth, NFC or an other transceiver to a hidden ignition with confirmation of the safety code (C0) and after authorization of the safety code over NFC, a second safety code (C1) will be transferred to the central engine control wherein the fingerprint sensor in the device will be authorized so that upon authorization, a further security code (C2) of the device with fingerprint sensor is transmitted to start the ignition, central engine and/or engine. A Lock-Loop radio-lock with GSM-module and Bluetooth are part of the safety code system (C).

[000183]       The AIORK invention provides mobile payment transactions which run with NFC, W-LAN, UWB, Bluetooth or other e.g. 125 kHz transceivers in a device such as a

mobile phone, watch, MP3-player or device connected with an extension kit with biometric personal identification such as a fingerprint sensor which when brought in close proximity or direct contact by such device with another device or a cash register or vending machine, ticket machine, juke box or gates etc., a payment or micropayment is triggered. Direct or indirect, immediate or later, GSM and IMEI-number and personal data, biometric data and account-number-data transactions of this device are cleared with that communicating payment terminal on a bank account, wherein at least one of the following may occur:

- location, time, space, right consummations such as parking fees, tax fees or entrance prices are cleared directly over this transceiver;

- rental, purchase, sale, game, betting, stock transactions and insurance policies and contract forms will be authorized directly over the Internet and/or a web platform;

- Internet direct-payment authorizations with AIORK and personalized fingerprint security codes for the clearing of payment checks, checks for clearing approval and e-commerce with micro- and macro-payment over Internet connected computers, mobile phones and terminals;

- acoustic and palpable biometric fingerprint sensor rules with one-time, two-time, three-time touching or

sliding or displaying on the device the prices, the product, lists, groups for quick M-payment is preinstalled and displayed;

- home banking on the mobile phone, smartphone, PDA and computer will be managed and confirmed with a NFC transceiver and with fingerprint sensor to authorize transactions.

[000184]       The AIORK invention includes RFID tag applications which run with at least one of following functions and/or features:

- a device with a RFID tag will be loaded with money or a credit, wherein the cache memory spaces of the RFID tags will be read and loaded, wherein only the same devices or only the vending machines or the same mobile phones with the same tags can be loaded. With biometric identification over a fingerprint sensor, the tags with the credits will be unloaded and the RFID-credit-tags will be safe such as in a Lock-Loop solution with a safe bank account number to be secured and managed over a GSM mobile phone;

- a device with a RFID tag number in products, ads, logos or packings with a GSM-net connection on a Web site will be directly registered and managed, wherein the personal registration of the RFID tags on a Web site will be confirmed with devices with fingerprint sensors;

- clarification of ownership, property and the

characteristics of a product with the RFID tag will be made over a GSM-net connection on a registering Web site;

- security spaces of smart-cards or other RFID tags will be written or identified;

- similar applications such as for food or other consummation calculations can run as a data base solution.

[000185] The AIORK invention provides for people simple or multiple general polls, electronic signatures and electronic forms and encrypted Pretty Good Privacy (PGP) email certificates, registered letters, mail parcel delivery, tax forms, ticket management, complaints or patent filings and applications and SAP-working clearings and SMS-ticket-purchase, wherein electronic accounting is run which contains data such as time, location, legal data about the use of the device or with another device and the fingerprint sensors with Bluetooth, W-LAN, NFC etc. transceiver or application management are cleared on a Web site with a connection to an account directly or indirectly over a GSM-net or other Internet W-LAN connection.

[000186] The AIORK invention provides personal settings of one's preferences for home, vehicle, buyer-behavior, club-life or for ad-filters over Bluetooth, wherein according to the settings of one's preferences, the devices set the media, mobile phone, TV-set, computer, headset or vehicle with engine-management over the central engine

controlling the settings of one's preferences with or without fingerprint sensor activation or authentication and wherein registrations are feasible of all surrounding active transceivers and settings on the personally desired or legally enforced safety areas and Bluetooth multi-cast functions run for assignments, games, polls, presentation checks for pupils, students, soldiers, employees etc., which are managed over fingerprint sensors.

[000187]       The AIORK invention can provide a transaction to value added Web sites with the direct authorization and payment over a fingerprint sensor confirmation and/or form a RFID tag with such a link. For products with Electronic Product Code (EPC) RFID tags, Internet links can be opened over mobile phones for checking and for offering of the same or similar products in other stores, Internet or normal auctions.

[000188]       When the AIORK invention is on TV sets or on mobile phones, TV channels are received over Bluetooth interfaces and settings at the device with a fingerprint sensor interactive polls, estimations, regulations for ads, broadcasts, sales with "pay per view" and with the new TV-content downloads platforms on 3G mobile phones etc. can be managed, which can be entered in the device with the fingerprint sensor immediately or with an SMS.

[000189]       With the AIORK invention, the mobile phone

user decides whether he wants to renounce the mobile payment application, because on mobile phones with the AIORK invention other applications will be blocked if the AIORK invention recognizes on the mobile phone other unknown or concurring applications which are run or are used. The AIORK invention checks if other applications are communicating with any transceivers, which will be selectively blocked on the second attempt. With NFC and mobile payment applications, mobile payment concurrence and alternative markets can be blocked.

[000190] The AIORK invention provides a device with a fingerprint sensor for access on a transport, hitchhiking or request-offer-auction Internet-WAP-platform with or without auction functions on a display of a computer or of a mobile phone. Departure location, time and route to a final destination are shown and can be managed with additional options about an area or further precise input features for the improvement of the precision of the time and space. Over a digital Internet-WAP-list and/or map over GPS or GSM-nets, offers will be calculated for automobile or taxi companies or private or public transportation companies. These functions can be authorized, confirmed, cleared and paid with a fingerprint sensor on the device.

[000191] The AIORK invention provides a device with a

fingerprint sensor for direct evaluation for access on an interactive Internet or mobile phone portal with video hit-list, hit-chart or hit-parade, television channels, games, services, products, software implementations, authorizations, polls, rights and duties, partner-meetings, trade and payment transaction setting possibilities or clearings run, and provides at least one of the following functions:

- interacts with video-clips and contents of other computers, servers, mobile phones, PDAs, and/or laptops after authentication and/or authorization with biometric fingerprint sensors being transferred on servers;

- the video-clips and contents from these servers are downloaded on mobile phones, PDAs, laptops etc. with biometric person recognition and rating;

- the video-clips and contents from interactive hits of the mobile phones, PDAs, laptops etc. in hit-charts with biometric person recognition and rating will be listed;

- the hit-charts (daily, weekly, monthly and annually) will be listed and transferred according to its termination of time in the next higher time hit-chart-list;

- only top-positions or interactive chosen positions or clips with the chosen title and names of the interactive channels can be downloaded;

- the cost-value-clearings of the clips will be linear

by a factor and by the numbers of hits or reciprocal by a factor on the position on the hit-chart or otherwise according to time, location, or quality to be charged as the general ground payment rating system;

- the clips with special application after upload or after listing will be improved, corrected, encrypted, or selected according to ones own or general interest and will be in different lists interactively from the user himself and/or mobile phone and/or the application to be managed and run over fingerprint sensor authorizations;

- the portal can have an interactive open source application for implementation or authorization for never-ending applications for the portal to receive or to guarantee, which run over fingerprint sensor authorizations;

- the portal can have an interactive radio, and television channel participation, setting and rating system which runs over fingerprint sensor authorizations;

- interactive authorization systems for content, events, locations, times, services, duties and rights are possible with fingerprint sensor authorizations;

- interactive game and/or economics with virtual "Robel" and/or real money run, which with the interactive content inputs will be paid or used after a benefit value is calculated according to a payment rating systems;



- run interactive payment transactions and billing of contents, auctions, products, services, contests, bids, tickets and tips;
- interactive encrypted money or bank transaction management, account and stock exchange administration are possible with fingerprint sensor authorizations;
- run interactive encrypted poll-functions for decisions within and outside of the portals;
- interactive encryption of contents are possible with fingerprint sensor authorizations;
- interactive net functions for the interactive settings of the portals are possible with fingerprint sensor authorizations;
- interactive partner meeting, presentations and games are possible with fingerprint sensor authorizations;
- traffic, security, emergency, hospital, police, garage, station, tow away, map and guide, place and acting services are possible with fingerprint sensor authorizations;
- interactive location and rayon definition authorizations for friends, supporters, law enforcement and police are possible with fingerprint sensor authorizations.